

*When was the last time you told anyone anything about your hobby?
What about someone who is not also an amateur?*



7 September is the 200th Anniversary of the 1820 Settlers

ZS1820S is a special call sign registered by the Port Elizabeth Amateur Radio Society (PEARS) to celebrate the 200th anniversary of the arrival of the British Settlers on Thursday 7 September 1820. The call sign has been heard around the world and throughout South Africa - landing a special QSL card in the inbox for many amateurs.

Monday 7 September marks the arrival of the British Settlers - to the day! To commemorate this, members of PEARs will operate a field station at the iconic Donkin Reserve in Port Elizabeth. Port Elizabeth, of course, gets its name from the wife of Sir Rufane Donkin who was the acting governor at the Cape at the time of the Settler's arrival.

Anyone contacting the station will get a special QSL card in their e-mail - and not just the normal ZS1820S card either, but one marking the special day. A card from a "special event station for a special event!" While propagation is what it is, PEARs will operate (SSB) from 04:00 until about 09:00 UTC on 80, 40 and 20 m as conditions dictate

The West Rand Flea Market

The West Rand ARC's planned boots sale for 5 September will go ahead. We like to invite you to come to sell your goods as in the



past, however strict Lurgi protocol will be observed and rules like no mask, no entry will be enforced. The Gate open at 10:30 for refreshments and 11:30 for vendors to set up, trading starts at 12:00. Only 50 persons will be allowed in at a time.

September

5 - West Rand Flea Market
5 and 6 - Region 1 SSB Field Day / RSGB SSB Field Day
7 - Settlers Day - arrival of the 1820 Settlers 200 years ago
8 - International Literacy Day
12 and 13 - SARL National Field Day
15 - Highway ARC meeting
16 - World Ozone Day; SARL 80 m Wednesday Club Sprint
18 - The Battle of Square Hill - 18 September 1918; Rosh Hashanah
19 - European SOTA Day
19 and 20 - SARL VHF/UHF Digital Contest; All Africa DX Contest
22 - Spring Equinox (15:31 CAT)
24 - Heritage Day; ZS SOTA Party; National Braai Day
26 - CTARC meeting
26 and 27 - CQ WW RTTY Contest
27 - Yom Kippur; World Maritime Day; World Tourism Day

October

1 - SARL 80 m QSO Party
3 - AWA AM Valve QSO Party
4 - AWA SSB Valve QSO Party; RSGB DX Contest
8 and 9 - Draconids meteor shower
9 - World Post Day
10 - Spring QRP Contest
11 to 15 - IARU Region 1 Virtual General Conference
16 - World Food Day
17 - CQ Hou Koers
17 and 18 - Jamboree on the Air
21 and 22 - Orionids meteor shower
24 - UN Day; CTARC Meeting
24 and 25 - CQ WW DX SSB Contest
25 - PEARs HF Contest
31 - SARL 95 40 m Club Sprint

You are welcome to book a stand in advance as only every second one will be filled to ensure social distancing. Vendors, please book well as head of time to ensure your space is reserved. To book call Phillip, ZS6PVT on mobile 083 267 3835 or e-mail to zs6pvt@gmail.com

2020 CQ World Wide contest rules update

According to John, K1AR, CQ WW Contest Director, there are some updates to the 2020 CQ World Wide contest rules. Among the changes are a renaming of the categories to align them with other CQ contests, inclusion of amplifiers in the 500 metre circle diameter for station locations and the elimination of paper logs. According to John, "A complete listing of the 2020 rules has been posted at <http://cqww.com/rules.htm>. Updated translations for a variety of languages are also available."

The CQ WW RTTY Contest

The Spring contest season is nearly upon us! Over the next few weeks there are smaller-contest opportunities to try modes that might be new to you, or contest formats that are enjoyable. For those that enjoy modern digital contests, RTTY could be very appealing. Compared to today's FT12, contacts can proceed at a faster rate, but signals in general have to be stronger and errors can occur in the decoding, since there is no inherent error correction. If you are already set up for FT12, you are probably also set up for RTTY.

Check out RTTY Contesting.com's Getting Started on RTTY page <https://www.rttycontesting.com/rtty/> and for even more information, review past presentations on Contest University's website <https://www.contestuniversity.com/>. You will probably also want to study up on the use of a logging program, such as N1MM LOGGER+, in conjunction with a RTTY programme <https://www.rttycontesting.com/tutorials/n1mm/plus/>.

Chris, N6WM, writes: "The annual CQ WW RTTY contest is approaching! The contest period runs from 00:00 UTC on 26 September to 23:59 UTC on 27 September 2020. We wanted to reach out in advance to all participants and encourage you to take photos and document your efforts. Rules records and past results, certificates and more are available at the CQ WW RTTY home page <http://cqwwrtty.com/>. Traditionally, this contest has encouraged travel to various destinations for many, but as we all know the new normal may prevent quite a bit of that this season, however I am sure you will all agree that RTTY is a uniquely good mode for remote operating and with plenty of operators sheltered in place or operating from home, it is quite probable there could be record participation this year. The entire CQ WW RTTY contest team asks all participants to adhere to the safety/medical recommendations of your respective countries/localities when planning your contest events. Let us work together to keep it safe and have some fun! Ed, W0YK; Rich, N1IXF and Chris, N6WM."

Word to the Wise

Gore – as it relates to high altitude balloon competitions: "A triangular or tapering piece of material used in making a garment, sail, or umbrella." Or a balloon.

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award (www.sarl.org.za/public/awards/awards.asp)



African Islands



Madagascar, 5R. Alessandro, IU3EDK, reports that he just received his 5R8AP call sign. He states that he will be active from Madagascar when COVID-19 travel restrictions are lifted. Activity will be on various HF bands. QSL via his home call sign. Look for more info to be forthcoming.

African Italy, IH. Raffaele, IH9YMC, will be active from Pantelleria Island (IOTA AF-018, WW Loc. JM56XT), African Italy, during the CQ WW DX SSB Contest (24 and 25 October) as a Single-Op/Single-Band (??m) entry. QSL via LoTW.

Sudan, ST. The "DX-World.net" reports that earlier this year an experienced IOTA team was issued the callsign ST6SIT to be used to activate Mukawwar Island (IOTA AF-115 New), Sudan, but it has been postponed due to the COVID-19 situation. This is a never before activated IOTA in the Red Sea, off the coast of Sudan. The team will now wait until the COVID-19 situation improves globally and will eventually renew the ST6SIT license and restart their plans.

St Helena Island, ZD7. Oliver, W6NV, who was expected once again be active as ZD7W from Jamestown on Saint Helena Island (AF-022) during the CQ WW DX CW Contest (28 and 29 November), has announced that "it does not look like a trip to ZD7 is going to be possible this year. Since the gear is stock-piled on the Island of St Helena, I will try again in 2021."

The Oceania Contest is in its 75th year!

"Once a year in October the global amateur radio community is presented with the opportunity to partake in one of the world's oldest radio contests, the Oceania DX contest. First established in 1934 and earlier known as the VK/ZL contest, it is one of the most prestigious on the contesting calendar. Mark the dates in October for both Phone & CW, note the new operating times and join us for an event you will long remember. <http://www.oceaniadxcontest.com/index.html>
Phone: 06:00 UTC Saturday 3 October to 06:00 UTC Sunday 4 October 2020.
CW: 06:00 UTC Saturday 10 October to 06:00 UTC Sunday 11 October 2020."

Amateur Radio Tower Safety

Jim K1IR, presented "Amateur Radio Tower Safety" to the Western Washington DX Club (WWDXC) and also shared his presentation on YouTube https://www.youtube.com/watch?v=uJO-L3td_p8&feature=youtu.be.

USB Ports

USB connectors seem to have evolved into the universal charger for most small electronic devices, but the version we are used to, USB-A or USB-B, has four conductors: two for data, two for power. Five volts is all you get, with up to 2 amps of current, depending on the host. The newer USB-C standard has much more functionality and potential for up to 20 volts and 5 amps of power! With that comes the necessary complexity to negotiate for the power level you need. Tindie's recent blog post discusses a USB-C Power Delivery breakout board that incorporates a port controller chip to do proper USB-C power negotiation <https://blog.tindie.com/2020/08/usb-c-power-delivery-breakout/>.

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 31 August to 7 September 2020

QCX Challenge

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13:00 - 14:00 UTC and 19:00 - 20:00 UTC 31 August and 03:00 - 04:00 UTC 1 September
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes: Single Op
 Max power: HP: >5 W; QRP: 5 W
 Exchange: RST, name, state, province or country and rig
 Work stations: Once per band
 QSO Points: 3 points per QSO with QCX station; 1 point per QSO with non-QCX station
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 04:00 UTC 8 September 2020
 Post log summary at: <http://www.3830scores.com>
 Mail logs to: (none)
 Find rules at: <http://www.grp-labs.com/party.html>



Worldwide Sideband Activity Contest
 01:00 - 01:59 UTC 1 September
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: SSB
 Bands: 160, 80, 40, 20, 15, 10, 6 m
 Classes: Single Op - QRP, low or high; Overlay: Youth (26 years old or younger); Youth YL (female 26 years old or younger); YL (female older than 26 years)
 Max power: HP: 1 500 W; LP: 100 W; QRP: 5 W
 Exchange: RS and age group (OM, YL, Youth YL or Youth)
 Work stations: Once per band
 QSO Points: 1 point per QSO with OM; 5 points per QSO with YL; 10 points per QSO with Youth; 15 points per QSO with Youth YL
 Multipliers: Each DXCC once per band

Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 01:59 UTC 2 September 2020
 E-mail logs to: logs@wwsac.com
 Mail logs to: (none)
 Find rules at: <https://wwsac.com/rules.html>

RTTYOPS Week Sprint
 17:00 - 19:00 UTC 1 September
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: RTTY
 Bands: 80, 40, 20 m
 Classes: Single Op
 Max operating hours: 2 hours
 Exchange: other station's call, your call, serial no and your name
 Work stations: Once per band
 QSO Points: 1 point per QSO
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 23:59 UTC 8 September 2020
 E-mail logs to: rtty-week-tuesday@nrmlcontest.no
 Mail logs to: (none)
 Find rules at: <https://rttyops.wordpress.com/rtty-mini-contests/rttyops-Week Sprint/>

Phone Fray
 02:30 - 03:00 UTC 2 September
 Geographic Focus: North America
 Participation: Worldwide
 Mode: SSB
 Bands: 160, 80, 40, 20, 15 m
 Classes: Single Op
 Max power: 100 W
 Exchange: NA: Name and state, province or country; non-NA: Name
 Work stations: Once per band
 QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
 Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 03:00 UTC 4 September 2020
 E-mail logs to: (none)

Post log summary at:
<http://www.3830scores.com>
Mail logs to: (none)
Find rules at:
http://www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 2
September 03:00 - 04:00 UTC 3 September
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 W; LP: 100 W; QRP: 5 W
Exchange: Member: Name and member no;
non-Member: Name and state, province or
country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO
points x total mults
Submit logs by: 04:00 UTC 5 September 2020
Post log summary at:
<http://www.3830scores.com>
Mail logs to: (none)
Find rules at: <https://cwops.org/cwops-tests/>

UKEICC 80 m Contest
20:00 - 21:00 UTC 2 September
Geographic Focus: Europe
Participation: Worldwide
Mode: SSB
Bands: 80 m Only
Classes: Single Op Connected - QRP, low or
high; Single Op Unconnected - QRP, low or
high
Max power: HP: 1 500 W; LP: 100 W; QRP: 5 W
Exchange: 6-Character grid square
QSO Points: 1 point per 500 km (10 pts max);
multiply QSO points by 2 if low power station;
multiply QSO points by 4 if QRP station
Multipliers: (none)
Score Calculation: Total score = total QSO
points
Submit logs by: 22:00 UTC 2 September 2020
E-mail logs to: (none)

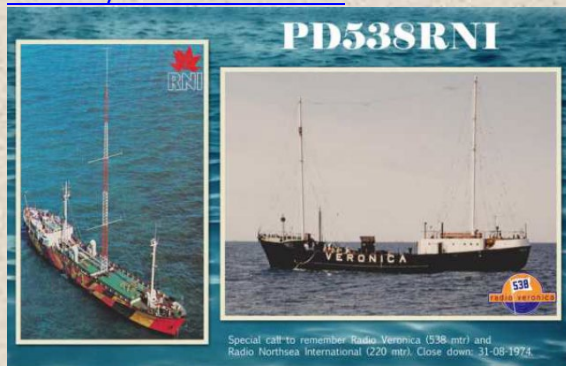
Upload log at: <http://logs.ukaiccc.com/cgi-bin/hfenter.pl>
Mail logs to: (none)
Find rules at: <https://www.ukaiccc.com/80m-rules.php>



G3ZQS Memorial Straight Key Contest
23:00 UTC 2 September to 23:00 UTC 4
September
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20, 15, 10 m
Classes: QRO; QRP; Club
Exchange: FISTS: RST, state, province or
country, name and FISTS no; non-FISTS: RST,
state, province or country, name and power
Work stations: Once per band
QSO Points: 2 points per QSO with non-
member; 5 points per QSO with FISTS member
Multipliers: Each state, province or DXCC
country once only
Score Calculation: Total score = total QSO
points x total mults
Submit logs by: 4 October 2020
E-mail logs to: g3zqslogs@fistsna.org
Mail logs to: Karl Zuk, N2KZ, 15 Flintlock Ridge
Rd, Katonah, NY 10536, USA
Find rules at:
<http://www.fistsna.org/operating.html>

NRAU 10 m Activity Contest
18:00 - 19:00 UTC (CW) and 19:00 - 20:00 UTC
(SSB) and 20:00 - 21:00 UTC (FM) and 21:00 -
22:00 UTC (Dig) 3 September
Geographic Focus: Nordic Europe
Participation: Worldwide
Mode: CW, SSB, FM, Digital
Bands: 10 m Only
Classes: (none)
Exchange: RS(T) and 6-character grid square
QSO Points: (see rules)
Multipliers: (none)

Score Calculation: Total score = total QSO points
 Submit logs by: 17 September 2020
 Upload log at:
http://ua9qcq.com/en/submit_log.php?lang=en
 Mail logs to: (none)
 Find rules at: <http://www.nrau.net/activity-contests/below-30mhz.html>



RTTYOPS Week Sprint
 17:00 - 19:00 UTC 3 September
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: RTTY
 Bands: 80, 40, 20 m
 Classes: Single Op
 Max operating hours: 2 hours
 Exchange: other station's call, your call, serial no and your name
 Work stations: Once per band
 QSO Points: 1 point per QSO
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 23:59 UTC 10 September 2020
 E-mail logs to: rtty-week-thursday@nr1rlcontest.no
 Mail logs to: (none)
 Find rules at:
<https://rttyops.wordpress.com/rtty-mini-contests/rttyops-Week Sprint/>

SKCC Sprint Europe
 19:00 - 21:00 UTC 3 September
 Geographic Focus: Europe
 Participation: Worldwide
 Mode: CW
 Bands: 160, 80, 40, 20, 15, 10, 6 m
 Classes: (none)
 Exchange: RST, state, province or country, name and SKCC no or power

Work stations: Once per band
 QSO Points: (see rules)
 Multipliers: Each state, province, or country once
 Score Calculation: Total score = (total QSO points x total mults) and bonus points
 Submit logs by: 10 September 2020
 E-mail log summary to: (none)
 Post log summary at:
http://www.skccgroup.com/operating_activities/skse/submit-display.php?submit_id=165
 Mail logs to: (none)
 Find rules at:
http://www.skccgroup.com/operating_activities/skse/

NCCC RTTY Sprint
 01:45 - 02:15 UTC 4 September
 Geographic Focus: North America
 Participation: Worldwide
 Mode: RTTY
 Bands: (see rules)
 Classes: (none)
 Exchange: Serial no, name and QTH
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 6 September 2020
 E-mail logs to: (none)
 Post log summary at:
<http://www.3830scores.com/>
 Mail logs to: (none)
 Find rules at:
<http://www.ncccsprint.com/rttyns.html>

NCCC Sprint Ladder
 02:30 - 03:00 UTC 4 September
 Geographic Focus: North America
 Participation: Worldwide
 Mode: CW
 Bands: 160, 80, 40, 20, 15, 10, 6 m
 Classes: Single Op
 Max power: 100 W
 Exchange: Serial no, name and QTH
 Work stations: Once per band
 QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
 Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 6 September 2020

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

All Asian DX Phone Contest

00:00 UTC 5 September to 24:00 UTC 6

September

Geographic Focus: Asia

Participation: Worldwide

Mode: Phone

Bands: 80, 40, 20, 15, 10 m

Classes: Asian Single Op Single Band - high or low; Non-Asian Single Op Single Band – high;

JA Single Op All Band - high, low, junior or silver; Asian Single Op All Band - high or low;

Non-Asian Single Op All Band – high; Multi-

Single; Multi-Multi

Max power: HP: >100 W; LP: 100 W

Exchange: RS and 2-digit age

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Asian Stations: DXCC entities once per band; non-Asian Stations: Asian prefixes

once per band

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 7 October 2020

E-mail logs to: aaph@jarl.org

Web-to-Cabrillo form:

http://www.b4h.net/cabforms/aadxssb_cab3.php

Mail logs to: JARL, All Asian DX Contest, Phone, 170-8073, Japan

Find rules at:

https://www.jarl.org/English/4_Library/A-4-3_Contests/2020AA_rule.htm

Russian RTTY WW Contest

00:00 - 23:59 UTC 5 September

Geographic Focus: Worldwide

Participation: Worldwide

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op Single

Band; Multi-Single; SWL

Exchange: RU: RST and 2-letter oblast; non-RU: RST and CQ Zone

Work stations: Once per band

QSO Points: 5 points per QSO with same continent; 10 points per QSO with different continent

Multipliers: Each RU Oblast once per band;

Each DXCC country once per band

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 15 September 2020

E-mail logs to: contest@radio.ru

Upload log at:

http://ua9qcq.com/en/submit_log.php?lang=en

Mail logs to: (none)

Find rules at:

<http://www.grz.ru/contest/detail/93>



CWops CW Open

00:00 - 03:59 UTC 5 September

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 W; LP: 100 W; QRP: 5 W

Exchange: Serial no and name

Work stations: Once per band per time

segment

QSO Points: 1 point per QSO

Multipliers: Each call once per time segment

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 20 September 2020

E-mail logs to: (none)

Upload log at: <https://cwops.contesting.com/>

Mail logs to: (none)

Find rules at: <https://cwops.org/cwops-tests/cw-open/>

Wake-Up! QRP Sprint

06:00 - 06:29 UTC and 06:30 - 06:59 UTC and
07:00 - 07:29 UTC and 07:30 - 08:00 UTC 5
September
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 40, 20 m
Classes: (none)
Max power: 5 W
Exchange: RST, serial no, suffix of previous QSO
("QRP" for 1st QSO)
Work stations: Once per band per period
QSO Points: 1 point per km
Multipliers: 1 point per new station worked on
each band
Score Calculation: Total score = total QSO
points x total multiplier points
Submit logs by: 12 September 2020
E-mail logs to: ru-qrp-club@mail.ru
Mail logs to: (none)
Find rules at:
[http://grp.ru/contest/wakeup/333-wakeup-
eng](http://grp.ru/contest/wakeup/333-wakeup-eng)



CWOps CW Open

12:00 - 15:59 UTC 5 September
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 W; LP: 100 W; QRP: 5 W
Exchange: Serial no and name
Work stations: Once per band per time
segment
QSO Points: 1 point per QSO
Multipliers: Each call once per time segment
Score Calculation: Total score = total QSO
points x total mults
Submit logs by: 20 September 2020
E-mail logs to: (none)
Upload log at: <https://cwops.contesting.com/>

Mail logs to: (none)

Find rules at: [https://cwops.org/cwops-
tests/cw-open/](https://cwops.org/cwops-tests/cw-open/)

Colorado QSO Party

13:00 UTC 5 September to 04:00 UTC 6
September
Geographic Focus: United States/Canada
state/province QSO party
Participation: Worldwide
Mode: CW, Phone, Digital
Bands: All, except WARC
Classes: Single Op - CW, phone, digital or
mixed - QRP, low or high; Multi-Single - CW,
phone, digital or mixed - QRP, low or high;
Mobile Single Op - CW, phone, digital or mixed
- QRP or low; Mobile Multi-Op - CW, phone,
digital or mixed - QRP or low; Portable Single
Op - CW, phone, digital or mixed - QRP or low;
Portable Multi-Op - CW, phone, digital or
mixed - QRP or low; School- CW, phone, digital
or mixed - QRP, low or high
Max power: HP: >150 W; LP: 150 W; QRP: 5 W
Exchange: CO: Name and county; W/VE: Name
and state or province; DX: Name and DXCC
prefix
Work stations: Once per band per mode per
CO county
QSO Points: 1 point per phone QSO; 2 points
per CW/digital QSO; Double QSO points for
countries outside of W/VE
Multipliers: CO Stations: Each CO county, state,
VE province, DXCC country, maritime region
once per mode; Non-CO: Each county once per
mode
Power: (see rules)
Score Calculation: (see rules)
Submit logs by: 10 October 2020
E-mail logs to: coqplots@ppraa.org
Mail logs to: Colorado QSO Party, PO Box
16521, Colorado Springs, CO 80935-6521, USA
Find rules at: <http://ppraa.org/coqp>

IARU Region 1 SSB Field Day

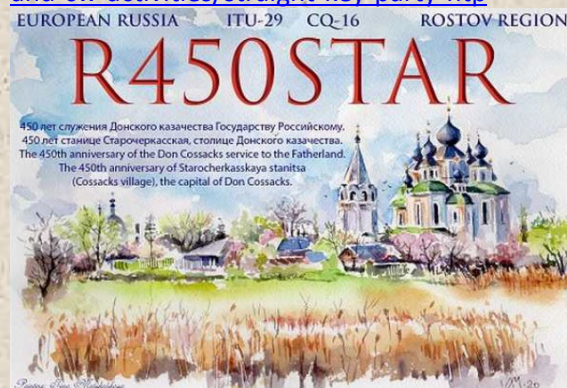
13:00 UTC 5 September to 12:59 UTC 6
September
Geographic Focus: Europe
Participation: Worldwide
Mode: SSB
Bands: 160, 80, 40, 20, 15, 10 m
Classes: (see your national society rules)

Exchange: RST and serial no
Submit logs by: 13 September 2020
E-mail logs to: (none)
Upload log at: <http://www.darc.de/der-club/referate/conteste/iaru-region-1-fieldday/logupload/ssb/>
Mail logs to: (none)
Find rules at: <https://www.darc.de/der-club/referate/conteste/iaru-region-1-fieldday/en/>

RSGB SSB Field Day
13:00 UTC 5 September to 13:00 UTC 6 September
Geographic Focus: Europe
Participation: Worldwide
Mode: SSB
Bands: 80, 40, 20, 15, 10 m
Classes: Fixed; Portable – QRP, GRP-Renewable Energy or low; Assisted Portable
Max power: Low: 100 W; QRP: 5 W
Exchange: RS and serial no
QSO Points: (see rules)
Multipliers: DXCC entities once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 11 September 2020
Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>
Mail logs to: (none)
Find rules at: <https://www.rsgbcc.org/hf/rules/2020/rnfd.shtml>

AGCW Straight Key Party
13:00 - 16:00 UTC 5 September
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 40 m Only
Classes: 5 W (A); 50 W (B); 150 W (C); SWL (D)
Exchange: AGCW: RST, serial no, /, class, /, name, / and age
QSO Points: 9 points per A-A QSO; 7 points per A-B QSO; 5 points per A-C QSO; 4 points per B-B QSO; 3 points per B-C QSO; 2 points per C-C QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 30 September 2020

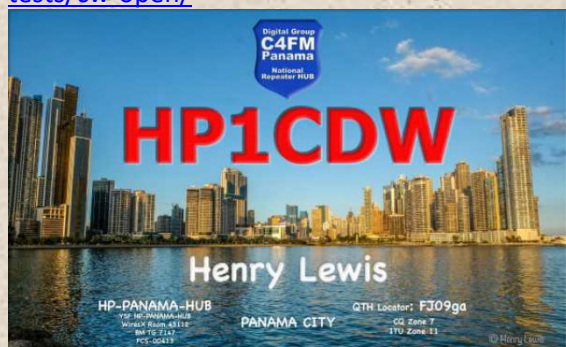
E-mail logs to: htp@agcw.de
Mail logs to: Friedrich W. Fabri, DF1OY, Birnheck 2, D-65779 Kelkheim, Germany
Find rules at: <http://www.agcw.org/index.php/en/contests-and-cw-activities/straight-key-party-htp>



PODXS 070 Club Jay Hudak Memorial 80 m Sprint
20:00 UTC 5 September to 20:00 UTC 6 September
Geographic Focus: Worldwide
Participation: Worldwide
Mode: PSK31
Bands: 80 m Only
Classes: QRP; Low Power; Medium Power; High Power
Max operating hours: 6
Max power: High: 100 W; Medium: 50 W; Low: 25 W; QRP: 5 W
Exchange: RST and state, province or country
QSO Points: 1 point/QSO
Multipliers: Each state, province and DXCC country once only
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 13 September 2020
Upload log at: <http://hamclubs.info/scorer>
Mail logs to: (none)
Find rules at: <http://www.podxs070.com/o70-club-sponsored-contests/jay-hudak-memorial-80-m-sprint>

CWOps CW Open
20:00 - 23:59 UTC 5 September
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 W; LP: 100 W; QRP: 5 W

Exchange: Serial no and nName
 Work stations: Once per band per time segment
 QSO Points: 1 point per QSO
 Multipliers: Each call once per time segment
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 20 September 2020
 E-mail logs to: (none)
 Upload log at: <https://cwops.contesting.com/>
 Mail logs to: (none)
 Find rules at: <https://cwops.org/cwops-tests/cw-open/>



Tennessee QSO Party
 18:00 UTC 6 September to 03:00 UTC 7 September
 Geographic Focus: United States/Canada state/province QSO party
 Participation: Worldwide
 Mode: CW, Phone, Digital
 Bands: All, except WARC
 Classes: Fixed - single op or multi-op - CW, phone, digital or mixed - QRP, low or high
 Mobile - single op or multi-op - CW, phone, digital or mixed - QRP, low or high
 Max power: HP: >150 W; LP: 150 W; QRP: 5 W
 Exchange: TN: RS(T) and county; non-TN: RS(T) and state, province or country
 Work stations: Once per band per mode
 QSO Points: 3 points per QSO; (see rules for bonus QSO points)
 Multipliers: TN: TN counties, states, provinces, DXCC countries once per band; non-TN: TN counties once per band
 Score Calculation: Total score = (total QSO points x total mults) and bonus points
 Submit logs by: 7 October 2020
 E-mail logs to: logs@tnqp.org
 Mail logs to: Tennessee QSO Party, c/o Doug Smith, W9WI, 604 Sandalwood Court, Nashville, TN 37221, USA

Find rules at: <http://tnqp.org/rules/>

RSGB 80 m SSB Autumn Series
 19:00 - 20:30 UTC 7 September
 Geographic Focus: United Kingdom
 Participation: Worldwide
 Mode: SSB
 Bands: 80 m Only
 Classes: 100 W; 10 W
 Exchange: RS and serial no
 QSO Points: 1 point per QSO
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 23:59 UTC 10 September 2020
 Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>
 Mail logs to: (none)
 Find rules at: <https://www.rsgbcc.org/hf/rules/2020/rautumn.shtml>

MI QRP Labour Day CW Sprint
 23:00 UTC 7 September to 03:00 UTC 8 September
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW
 Bands: 160, 80, 40, 20, 15, 10, 6 m
 Classes: (none)
 Max power: 5 W
 Exchange: RST, state, province or country, member no or power output
 Work stations: Once per band
 QSO Points: 5 points per QSO with members; 2 points per QSO with non-member W/VE stations; 4 points per QSO with non-member DX stations
 Multipliers: Each state, province or country, once per band; Bonus: multiply total points by 1.25 if xmtr or receiver is homebrew; Bonus: multiply total points by 1.5 if both xmtr and receiver are homebrew
 Score Calculation: Total score = bonus multiplier x total QSO points x total mults
 Submit logs by: 21 September 2020
 E-mail logs to: N8LJ@arri.net
 Mail logs to: Lee Dziekan, N8LJ, 2735 Miller Rd, Metamora, MI 48455, USA
 Find rules at: <https://www.miqrp.net/contest>

Producing technical presentations

Producing technical presentations in a live-stream format can be challenging - sometimes there are explanatory head shots, occasional close-ups of circuitry, computer screen captures. All of that can be a lot to manage while effectively presenting on a particular topic. Jeff Glass, KK9JEF, has produced 22 "Electronics Class" sessions since March and he shares his setup and experiential learning in this blog post. He covers it all: content development, cameras, lighting, controls, even background music. <https://jeff.glass/2020/08/29/how-to-livestream-an-electronics-class/>

A capstan winch

A capstan winch uses a drum and rope to exert a pulling force on a load by controlling the friction of the pulling line against the drum. The manual that comes with this portable gasoline powered capstan winch provides information on how to use it in various scenarios, but this type of winch is specifically NOT intended to lift loads vertically. https://www.northerntool.com/shop/tools/product_200586185_200586185

Tying Knots

Joe, KO8V, provided some knotty advice on the Towertalk email reflector on how to tie two ropes together, "There is a great app for the Apple iOS and Android platforms called **KNOTS 3D**. Gives a 3D rendering of how to tie a knot as well as information about strength, ability to untie, use, etc. The website is <http://knots3d.com/>. For joining two ropes, I have used the Ashely bend. Works great and has shown no slippage."

Next Week's Contests

ARS Spartan Sprint, 01:00 - 03:00 UTC 8 September
Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 8 September
RTTYOPS Week Sprint, 17:00 - 19:00 UTC 8 September
Phone Fray, 02:30 - 03:00 UTC 9 September
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 9 September and 03:00 - 04:00 UTC 10 September
RTTYOPS Week Sprint, 17:00 - 19:00 UTC 10 September
NCCC RTTY Sprint, 01:45 - 02:15 UTC 11 September
NCCC Sprint Ladder, 02:30 - 03:00 UTC 11 September
WAE DX SSB Contest, 00:00 UTC 12 September to 23:59 UTC 13 September
FOC QSO Party, 00:00 - 23:59 UTC 12 September
SARL Field Day Contest, 10:00 UTC 12 September to 10:00 UTC 13 September
SKCC Weekend Sprintathon, 12:00 UTC 12 September to 24:00 UTC 13 September
Ohio State Parks on the Air, 14:00 - 22:00 UTC 12 September
Texas QSO Party, 14:00 UTC 12 September to 02:00 UTC 13 September and 14:00 - 20:00 UTC 13 September
Alabama QSO Party, 15:00 UTC 12 September to 03:00 UTC 13 September
Russian Cup Digital Contest, 15:00 - 18:59 UTC 12 September and 06:00 - 09:59 UTC 13 September
North American CW Sprint, 00:00 - 04:00 UTC 13 September
4 States QRP Group Second Sunday Sprint, 00:00 - 02:00 UTC 14 September
Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 15 September
RTTYOPS Week Sprint, 17:00 - 19:00 UTC 15 September

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter